

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/894,272
Filed: June 28, 2001
Inventor(s):
Darren Schmidt, Ram Rajagopal,
Lothar Wenzel and Dinesh Nair

Title: SYSTEM AND METHOD
FOR PERFORMING
EDGE DETECTION IN
AN IMAGE

Examiner: Mariam, Daniel G.
Group/Art Unit: 2621
Atty. Dkt. No: 5150-55800

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Printed Name _____

Signature

6/24/2005
Date

37 C.F.R. 1.47 PETITION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The United States Patent and Trademark Office is respectfully requested to accept the above-referenced patent application pursuant to 37 CFR § 1.47(a). A Declaration has been signed by the inventors. In the original Declaration filed on June 28, 2001, Ram Rajagopal changed his citizenship from "USA" to "Brazil", but failed to initial and date the change. The Patent Office then requested Applicant to submit a new Declaration.

As shown in the Statement of Facts submitted herewith, the undersigned has made attempts to contact Mr. Rajagopal via email, ordinary mail and certified mail, and has sent Mr. Rajagopal a Supplemental Declaration and Power of Attorney correcting the citizenship information. Mr. Rajagopal has not returned the Declaration despite repeated attempts to contact him. Applicant submits that Mr. Rajagopal cannot be reached. The remaining inventors submit the above-referenced patent application on behalf of themselves and on behalf of Mr. Rajagopal.

The unavailable inventor's last known address is:


Ram Rajagopal
39 Constitution Way
South River, NJ 08882

A fee authorization form for the fee set forth in 37 CFR § 1.17(h) is enclosed herewith. If any further fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account No. 50-1505/5150-55800/JCH.

Also enclosed herewith are the following items:

- ☒ Fee Authorization
- ☒ Statement Of Facts and Exhibits A - C
- ☒ Return Receipt Postcard

Respectfully submitted,



Jeffrey C. Hood
Reg. No. 35,198
ATTORNEY FOR APPLICANT(S)

Meyertons, Hood, Kivlin, Kowert & Goetzel PC
P.O. Box 398
Austin, TX 78767-0398
Phone: (512) 853-8800
Date: 6/24/2025 JCH/JAM

4. On January 10, 2005, I sent such hard copy to Mr. Rajagopal. Attached hereto as **Exhibit B** is a copy of the January 10 letter and hard copy of the Declaration sent to Mr. Rajagopal via certified U.S. Mail. Also attached is a copy of the front and back of the envelope packet returned to me by the U.S. Postal Service, indicating that the certified packet was unclaimed by Mr. Rajagopal.

5. On February 11, 2005, I sent a letter and hard copy of the Declaration to Mr. Rajagopal via regular U.S. Mail. Mr. Rajagopal failed to return the signed document. Attached hereto as **Exhibit C** is a copy of the February 11 letter and Declaration.

6. I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,



Jeffrey C. Hood
Reg. No. 35,198
Attorney for Applicant

Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398
Phone: (512) 853-8800

Date: 6/24/2005

Jeannie Miranda

From: Jeannie Miranda
Sent: Monday, January 10, 2005 3:35 PM
To: 'rambr@yahoo.com'
Cc: Mark Williams; 'dinesh.nair@ni.com'
Subject: Supplemental Declaration for 5150-55800

RE: U. S. Patent Application SN 09/894,272 Entitled "SYSTEM AND METHOD FOR PERFORMING EDGE DETECTION IN AN IMAGE" -- Schmidt et al. (Atty. Dkt. No. 5150-55800)

Dear Ram:

Attached is a Supplemental Declaration for your signature in the above-reference matter. Originally, you signed a Declaration for this patent application in June of 2001. At the Patent Office's request, we have updated the Declaration to reflect your correct citizenship and your current address. If you need to make any handwritten changes to the Supplemental Declaration, please be sure to initial those changes or the Patent Office will not accept the document.

Please return the signed Supplemental Declaration to us as soon as possible. For your convenience, I have also sent by certified U.S. Mail a copy of the Supplemental Declaration, along with a self-addressed stamped envelope for return, to you at the following address:

39 Constitution Way
South River, NJ 08882

Please let us know if you have questions or need further information. Thank you very much for your kind cooperation.

Jeannie Miranda
Legal Assistant to Jeffrey C. Hood



Supplemental
DEC&POA.558.doc

Jeannie Miranda
Legal Assistant to Jeffrey C. Hood
Meyertons Hood Kivlin Kowert & Goetzel PC
700 Lavaca, Suite 800, Austin, Texas 78701
Direct Dial: (512) 853-8821 Facsimile: (512) 853-8801
Email: jmiranda@intprop.com

NOTICE: The information contained in this electronic mail message and any attachments hereto is intended only for the personal and confidential use of the designated recipients. This message and any attachments hereto may constitute an attorney-client communication, and as such are privileged and confidential. If you are not the intended recipient or an agent responsible for delivering it to the intended recipient, you are hereby notified that you have received this message in error, and that any review, dissemination, distribution or copying of this message and any attachments hereto is strictly prohibited. If you have received this message in error, please notify me immediately by telephone (512.853.8800).



MEYERTONS
HOOD
KIVLIN
KOWERT
& GOETZEL

A PROFESSIONAL CORPORATION

700 LAVACA, SUITE 800
AUSTIN, TEXAS 78701-3102
TELEPHONE (512) 853-8800
FACSIMILE (512) 853-8801
www.intprop.com

PATENTS, TRADEMARKS, COPYRIGHTS & UNFAIR COMPETITION

JEFFREY C. HOOD
(512) 853-8821
jhood@intprop.com

5150-55800

January 10, 2005

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7099 3220 0003 8695 9615

Mr. Ram Rajagopal
39 Constitution Way
South River, NJ 08882

RE: U. S. Patent Application SN 09/894,272 Entitled "SYSTEM AND METHOD
FOR PERFORMING EDGE DETECTION IN AN IMAGE" -- Schmidt et al.
(Atty. Dkt. No. 5150-55800)

Dear Ram:

Enclosed is a Supplemental Declaration for your signature in the above-reference matter. Originally, you signed a Declaration for this patent application in June of 2001. At the Patent Office's request, we have updated the Declaration to reflect your correct citizenship and your current address. If you need to make any handwritten changes to the Supplemental Declaration, please be sure to initial those changes or the Patent Office will not accept the document.

Please return the signed Supplemental Declaration to us as soon as possible. Enclosed is a self-addressed, stamped envelope for your convenience. Thank you very much for your kind cooperation.

Very truly yours,

Jeffrey C. Hood

JCH/jam
Enclosures

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Ram Rajagopal
39 Constitution Way
South River NJ 08882

2. Article Number
(Transfer from service label)

7099 3220 0003 8695 9615

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
- B. Received by (Printed Name) C. Date of Delivery
- D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type ☒ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
4. Restricted Delivery? (Extra Fee) ☐ Yes ☐ No

PLACE STICKER AT TOP OF ENVELOPE
TO THE RIGHT OF RETURN ADDRESS
FOLD AT DOTTED LINE

CERTIFIED MAIL



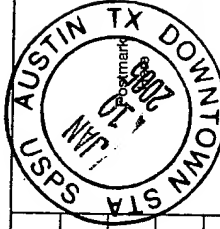
7099 3220 0003 8695 9615
7099 3220 0003 8695 9615

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To:

5150-55800 JCH/jam

Postage \$	
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.65



Name (Please Print Clearly) (To be completed by mailer)

Mr. Ram Rajagopal

Street, Apt. No.; or PO Box No.

39 Constitution Way

City, State, ZIP+4

South River NJ 08882

PS Form 3800, July 1999

See Reverse for Instructions



SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled "**SYSTEM AND METHOD FOR PERFORMING EDGE DETECTION IN AN IMAGE**," the specification of which:

- ☐ is attached hereto.
☒ was filed on June 28, 2001 as Application Serial No. 09/894,272
 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed below designating at least one country other than the United States of America, and have identified below any foreign application for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed.

<u>Prior Foreign Application No.</u>	<u>Country</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>	<u>Priority</u> <u>Claimed</u>	<u>Cert. copy</u> <u>Attached</u>
N/A				

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Provisional Application No.</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under § 365(c) of any PCT international application listed below designating the United States of America, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Parent Application No.</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>	<u>Parent Patent No. (if applicable) or Status</u>
N/A		

I hereby revoke any previous Powers of Attorney and appoint Jeffrey C. Hood, Reg. No. 35,198; B. Noël Kivlin, Reg. No. 33,929; Robert C. Kowert Reg. No. 39,255; Eric B. Meyertons, Reg. No. 34,876; Mark S. Williams, Reg. No. 50,658; and Mark K. Brightwell, Reg. No. 47,446; Russell E. Henrichs, Reg. No. 50,354; and Mario J. Lewin, Reg. No. 54,268; with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

Jeffrey C. Hood
Meyertons Hood Kivlin Kowert & Goetzel PC
P.O. Box 398
Austin, Texas 78767-0398
Phone: (512) 853-8800

I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name: Ram Rajagopal

Inventor's Signature: _____ Date: _____

City and State (or Foreign Country) of Residence: South River, NJ Citizenship: Brazil

Post Office and Residence Address: 39 Constitution Way, South River, NJ 08882
(Include number, street name, city, state and zip code)



700 LAVACA, SUITE 800
AUSTIN, TEXAS 78701-3102

CERTIFIED MAIL



7099 3220 0003 8695 9615

RETURN RECEIPT REQUESTED

Mr. Ram Rajagopal
39 Constitution Way
South River, NJ 08882

☒ A ☐ INSUFFICIENT ADDRESS
☐ C ☐ ATTEMPTED NOT KNOWN
☐ S ☐ NO SUCH NUMBER/ STREET
☐ - NOT DELIVERABLE AS ADDRESSED
☐ - UNABLE TO FORWARD

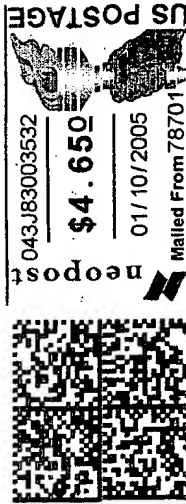
☐ OTHER

RTS
RETURN TO SENDER

UNCLAIMED

08882778701/3333

5150-55800 JCH/jam



UN
1.14.05

PS Form 3811, August 2001

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mrs. Ram Rajagopal
39 Constitution Way
South River NJ 08882

COMPLETE THIS SECTION ON DELIVERY

A. Signature		<input type="checkbox"/> Agent
X		<input type="checkbox"/> Addressee
B. Received by (Printed Name)	C. Date of Delivery	
D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No		
If YES, enter delivery address below:		

3. Service Type

<input checked="" type="checkbox"/> Certified Mail	<input type="checkbox"/> Express Mail
<input type="checkbox"/> Registered	<input type="checkbox"/> Return Receipt for Merchandise
<input type="checkbox"/> Insured Mail	<input type="checkbox"/> C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes ☐ No

2. Article Number

(Transfer from service label)

7099 3220 0003 8695 9615

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540



MEYERTONS
HOOD
KIVLIN
KOWERT
& GOETZEL
A PROFESSIONAL CORPORATION



700 LAVACA, SUITE 800
AUSTIN, TEXAS 78701-3102
TELEPHONE (512) 853-8800
FACSIMILE (512) 853-8801
www.Intprop.com

PATENTS, TRADEMARKS, COPYRIGHTS & UNFAIR COMPETITION

JEFFREY C. HOOD
(512) 853-8821
jhood@intprop.com

5150-55800

February 11, 2005

Mr. Ram Rajagopal
39 Constitution Way
South River, NJ 08882

RE: U. S. Patent Application SN 09/894,272 Entitled "SYSTEM AND METHOD
FOR PERFORMING EDGE DETECTION IN AN IMAGE" -- Schmidt et al.
(Atty. Dkt. No. 5150-55800)

Dear Ram:

Enclosed is a Supplemental Declaration for your signature in the above-reference matter. Originally, you signed a Declaration for this patent application in June of 2001. At the Patent Office's request, we have updated the Declaration to reflect your correct citizenship and your current address. If you need to make any handwritten changes to the Supplemental Declaration, please be sure to initial those changes or the Patent Office will not accept the document.

Please return the signed Supplemental Declaration to us as soon as possible. Enclosed is a self-addressed, stamped envelope for your convenience. Thank you very much for your kind cooperation.

Very truly yours,

Jeffrey C. Hood

JCH/jam
Enclosure



SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

I, a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled "SYSTEM AND METHOD FOR PERFORMING EDGE DETECTION IN AN IMAGE," the specification of which:

- ☐ is attached hereto.
☒ was filed on June 28, 2001 as Application Serial No. 09/894,272
 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed below designating at least one country other than the United States of America, and have identified below any foreign application for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed.

<u>Prior Foreign Application No.</u>	<u>Country</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>	<u>Priority</u> <u>Claimed</u>	<u>Cert. copy</u> <u>Attached</u>
N/A				

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Provisional Application No.</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below, or under § 365(c) of any PCT international application listed below designating the United States of America, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in 37 C.F.R. § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Parent Application No.</u>	<u>Filing Date</u> <u>(mm/dd/yy)</u>	<u>Parent Patent No. (if applicable) or Status</u>
N/A		

I hereby revoke any previous Powers of Attorney and appoint Jeffrey C. Hood, Reg. No. 35,198; B. Noël Kivlin, Reg. No. 33,929; Robert C. Kowert Reg. No. 39,255; Eric B. Meyertons, Reg. No. 34,876; Mark S. Williams, Reg. No. 50,658; and Mark K. Brightwell, Reg. No. 47,446; Russell E. Henrichs, Reg. No. 50,354; and Mario J. Lewin, Reg. No. 54,268; with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

Jeffrey C. Hood
Meyertons Hood Kivlin Kowert & Goetzel PC
P.O. Box 398
Austin, Texas 78767-0398
Phone: (512) 853-8800

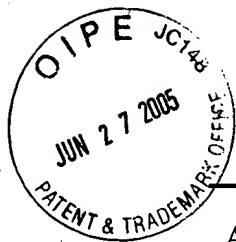
I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor's Full Name: Ram Rajagopal

Inventor's Signature: _____ Date: _____

City and State (or Foreign Country) of Residence: South River, NJ Citizenship: Brazil

Post Office and Residence Address: 39 Constitution Way, South River, NJ 08882
(Include number, street name, city, state and zip code)



DAE
JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/894,272
Filed: June 28, 2001
Inventor(s):
Darren Schmidt, Ram Rajagopal,
Lothar Wenzel and Dinesh Nair

Title: SYSTEM AND METHOD
FOR PERFORMING
EDGE DETECTION IN
AN IMAGE

§
§ Examiner: Mariam, Daniel G.
§ Group/Art Unit: 2621
§ Atty. Dkt. No: 5150-55800
§
§
§
§
§
§
§
§

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Printed Name


Signature

6/24/2005
Date

FEE AUTHORIZATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The Commissioner is hereby authorized to charge the following fee to Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account Number 50-1505/5150-55800/JCH:

Fee: \$130.00	Petition Under 37 CFR 1.47
Total Amount:	\$130.00
Attorney Docket No.:	5150-55800/JCH

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number.

Respectfully submitted,



Jeffrey C. Hood
Reg. No. 35,198
Attorney for Applicants

Meyertons, Hood, Kivlin, Kowert & Goetzel PC
P.O. Box 398
Austin, Texas 78767-0398
Ph: (512) 853-8800

Date: 6/24/2005

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.